



BA1B 307756 Bearing 2D drawings and 3D CAD models

1700 mm x 1900 mm x 80 mm SKF BA1B
307756 angular contact ball bearings

Bearing No. BA1B 307756

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|---|-----------------|
| Size | 1900x1700x80 mm |
| Bore Diameter | 1900 mm |
| Outer Diameter | 1700 mm |
| Width | 80 mm |
| d | 1700 mm |
| D | 1900 mm |
| B | 80 mm |
| d ₁ | 1767 mm |
| D ₁ | 1835 mm |
| D ₃ | 1920 mm |
| C ₁ | 20 mm |
| a | 560 mm |
| r _{1,2} - min. | 7.5 mm |
| d _a - min. | 1736 mm |
| r _a - max. | 6 mm |
| Basic dynamic load rating - C | 975 kN |
| Basic static load rating - C ₀ | 4550 kN |
| Fatigue load limit - P _u | 45.5 kN |
| Reference speed | 160 r/min |
| Limiting speed | 170 r/min |
| Calculation factor - k _r | 0.078 |
| Calculation factor - k _a | 0.14 |
| Calculation factor - e | 0.8 |
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Jinan Kaidong Bearing Co., Ltd.

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|--------------------------------|---------|
| Calculation factor - X | 0.39 |
| Calculation factor - Y_0 | 0.33 |
| Calculation factor - Y_1 | |
| Calculation factor - Y_2 | 0.76 |
| d_1 | 1767 mm |
| D_1 | 1835 mm |
| D_3 | 1920 mm |
| C_1 | 20 mm |
| $r_{1,2}$ min. | 7.5 mm |
| d_a min. | 1736 mm |
| r_a max. | 6 mm |
| Basic dynamic load rating C | 975 kN |
| Basic static load rating C_0 | 4550 kN |
| Fatigue load limit P_u | 45.5 kN |
| Calculation factor A | 139 |
| Calculation factor k_r | 0.078 |
| Calculation factor e | 0.8 |
| Calculation factor X | 0.39 |
| Calculation factor Y_0 | 0.33 |
| Calculation factor Y_2 | 0.76 |
| Mass bearing | 310 kg |